TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 2 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, in the extreme south-eastern end of the building, adjoining the United States department.

It being universally admitted that Glass in Roofs of a ornamental character should not be less than one-eighth of an inch thick, weighing 4oz pounds to the foot, Messrs. JAMES HARTLEY and Co. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sheets especially for Ridge and Furrow Roofs, giving a span of from 8 to 12 feet, at a price not exceeding weight for weight that of common Crown Glass. Not having wrinkles, bends are comparatively rare, and when used in Greenhouses no scorching occurs; its PERFECT TRANSPARENCY and strength render it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Factories, Workshops, &c., for which purposes it is supplied in squares of all sizes, from 8 by 6 inches and upwards.

For further particulars apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

HARTLEY'S PATENT ROUGH PLATE.
Packed in Boxes of 50 feet each.

	s.	d.
4 by 4 and 4½ by 4½	12	0
7 by 3 „ 7½ by 3½	12	6
8 by 4 „ 9½ by 4½	13	0
9 by 7 „ 9½ by 7½ and 10 by 6	16	0

A reduction made on five boxes. For larger sizes a list of prices will be sent on application.

From the Gardener's Chronicle, December 8.

"The best sample of Hartley's Patent Rough Plate, which we have yet seen, is sold by Mr. J. Phillips, of Bishopsgate-street."

Supplied wholesale, retail, and for exportation, by JAMES PHILLIPS and CO., 113, Bishopsgate-street Within.

STAINED GLASS.—No. 329, North Gallery, France, of the Great Exhibition.—The Firm of MARECHAL and GUGNON, Stained Glass Works, Metz, will henceforth be represented by M. CARTIGNER, Patent Decorative Glass Works, 31, Castle-street, Soho. M. MARECHAL will remain in Town to receive orders up to the 25th of October, at M. Lisle-street, Leicester-square.

SASH GLAZING.—A. ADAMSON, 20, Davies-street, Berkeley-square, begs to acquaint Builders and the Trade, he is Glazing Sashes with CROWN or SHEET GLASS, at 25d per foot sup. Every description of Glass suitable and in stock, may be had at the very lowest remunerative prices. Ornamental and Stained Glass in every variety.—Terms Cash.

CROWN GLASS.—W. HICKSON, 46, Lone-row, having imported a quantity of CROWN GLASS, begs to draw the attention of builders and others, for superiority of colour and substance, being equal to patent plate, and considerably less in price. Patterns and prices forwarded on receipt of name. Belgian Sheet Glass to almost any size, and as cheap as any other house. Terms: cash.

ROUGH PLATE GLASS.—Builders are respectfully informed that a large consignment of ROUGH PLATE GLASS has been received at the SOHO PLATE GLASS WAREHOUSE, 28, SOHO-SQUARE, and that orders can be promptly executed for any quantity of that description of glass at the lowest market prices.

CHEAP ORNAMENTAL GLASS.—Begs to inform my friends and the public, that I have now placed a new ENGINE, and owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT UP.. and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossed and painted work on the most moderate terms.—CHARLES JONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, ground and for glazing, of unrivalled quality and finish; ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest prices. Designs and estimates furnished for ornamental windows for halls, houses or church decoration. All applications for the above and kind of prices to be made at their warehouse, 214, OXFORD-STREET.

SOHO GLASS WAREHOUSE, 26, SOHO-SQUARE.—ALFRED GOSLETT begs to inform Architects, Builders, and the trade generally, that he is prepared to enter into contracts for the following descriptions of Glass upon application:—BRITISH PLATE GLASS, of the finest colour and finish; PATENT PLATE GLASS; ORNAMENTAL GLASS, all descriptions; COLOURED GLASS; ROUGH PLATE GLASS, ¼, ⅜, and ½ inch thick; PATENT ROLLED ROUGH PLATE, ¼, ⅜, and ½ inch thick; CROWN, SHEET, and HORTICULTURAL GLASS, cut to size and glazed, or in crates, as may be required; BELGIAN SHEET GLASS, in cases containing 200 feet each case included, at 2l. 2s. per case.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Ornamental, of every description. ROUGH PLATE GLASS from ¼ to 1 inch thick. Glass Painting, Staining, &c. &c. White Lead, Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Lead, Lead Pipe from ¼ inch to 4½ inches bore; Solder, Wasters, Rasins. Plumbers' and Brass Work of every description, and the very best terms. Glass Ornament Shades Milk-painting and Sea Glasses.—Address, 97, Bishopsgate-street Without.

See Advertisement, Saturday, June 28, 1851.

GLASS WATER PIPES.—Messrs. COATHUPE and CO., Crown and Sheet Glass manufacturers, Nailsea, near Bristol, beg to inform Engineers and others that they are supplying Glass Pipes, with the requisite fittings, from 1 to 6 inches bore, capable of sustaining very great atmospheric pressure, in lengths from 1 to 7 feet, the lengths being varied as the diameters increase. These pipes may be seen at the Exhibition, with their various forms and modes of joining in flue, &c. Cases and references can be given of their great utility in many localities where they have been successfully employed. The advantage of glass pipes for the conveyance of pure waters over all metallic substances, has been too largely dwelt upon by medical and scientific authorities to require any further comment.

GLASS MARBLE COMPANY.—WALLACH PATENT.

The Trade is respectfully informed that SUB-LICENCES for the USE of this beautiful ARTICLE as a building material MAY BE OBTAINED, at a moderate premium.

Its applicability as a surface for the walls of halls, staircases, entries, mantelpieces, &c. either plain or panelled, in numerous other applications, both as internal and external work, is now too well demonstrated to the public, both at the Great Exhibition and elsewhere, to need any comment. Its beauty can be made to surpass the most exquisite marbles, at a twentieth of their expense, and it possesses at the same time a far greater durability. Its weight, a matter of some consideration where real marble is employed, is not sufficient to require more support than that of ordinary walls, and, if these be level, no other preparation is requisite.

Applications for sub-licenses, and particulars to be made either by letter (post paid) or personally to the MANAGER, at his Office, 46, John-street, Tottenham-court-road.

PAINTERS' BRUSHES, manufactured expressly for the use of painters and builders, of best Russia bristles, warranted. Price list sent post-free on application to the manufacturer, J. B. TYLOR, 20, Great Dover-street, Borough, London. No brushes are genuine unless stamped "J. B. TYLOR, London."

CHEAP, LIGHT, AND DURABLE ROOFING.

CROGGON'S PATENT ASPHALTE ROOFING FELT has been extensively used and pronounced efficient, and particularly applicable for warm climates.

1st. It is a non-conductor.—2nd. It is portable, being packed in rolls, and not liable to damage in carriage.—3rd. It effects a saving of half the timber usually required.—4th. It can be easily applied by any unpractised person.—5th. From its lightness, watching only about 45 lbs. to the square of 100 feet, the cost of carriage is small.—6th. Under slate, metal, or glass, it is a most effective non-conductor.

INODOROUS FELT, for damp walls and for damp floors, under carpets and floor cloths. Price ONE PENNY per Square Foot.

CROGGON and CO.'s PATENT FELTED SHEATHING, for Covering Ships' Bottoms, &c., and

DRY HAIR FELT, for Covering Steam Boilers, Pipes, &c., preventing the radiation of Heat, saving 25 per cent. of Fuel, and deadening Sound.

Samples, testimonials, and full instructions, on application to CROGGON and CO., 2, DOWGATE-HILL, LONDON.

ARCHITECTS or BUILDERS requiring ENRICHMENTS in COMPOSITION, CEMENT, or PLASTER, cannot have better executed work than that produced by WM. SMART, jun., of 18, CROWN-STREET, FINSBURY, who will be happy to give Estimates for work of any magnitude, at a reduced scale of charges. Architects' designs modelled with precision, and generally truthfully carried out. Established in the family three-fourths of a century.

PARIAN CEMENT for internal use, to be PAINTED IN A FEW HOURS, AND PAPERED WITHIN A COUPLE OF DAYS.—CHARLES FRANCIS and SONS, Patentees, Nine Elms, London.

GREAVES'S PORTLAND, ROMAN, and LIAS CEMENTS.—The above possess every competitive property, in an eminent degree, and are unequalled for all hydraulic purposes.

GREAVES'S GROUND BLUE LIAS LIME.
CHARLES RICHARDSON, Agent.
Office, Warwick. 6, South wharf, Paddington.

BRICK BEAM at the EXHIBITION BUILDING, Erected by J. B. WHITE and SONS, MILLBANK-STREET.—"For diagram and description of this beam, constructed of Portland Cement and Hollow Bricks broken down with a weight of 62,800 lbs., vide September, 1851, in presence of the Jury of Class X.—See The Builder, Sept. 6, No. 451: and Times and Chronicle, Sept. 22, "Exhibition Article."

JOHN BAZLEY WHITE and SONS, MILLBANK-STREET, Westminster.
Manufacture PORTLAND CEMENT of the best quality.
ATKINSON'S CEMENT, made from White stone, supplied from the Isle of Wight, Lastage; and ROMAN CEMENT, made of Sheppy and Harwich stone.
These cements are all used for external purposes, either for Brickwork or as Stuccoes.

For internal uses they Manufacture and Sell—
KEENE'S CEMENT;
PARIAN CEMENT;
FRENCH PLASTER;
The qualities of which are well known as quick-drying and hard stuccoes, that can be painted upon within a few days.
Warehouses in London:—
Millbank-street, Westminster;
South Wharf Road, Paddington;
Rent-street, Shoreditch; and at
Basil-street, Liverpool.

PORTLAND CEMENT, in Casks of Four Imperial Bushels. QUANTITY, NOT WEIGHT, BEING THE STANDARD.—CHAS. FRANCIS and SONS, Cement Works, Nine Elms, London.
6, South Wharf, Paddington.

PORTLAND CEMENT.—CHARLES RICHARDSON has the greatest confidence in introducing to the trade the above superior CEMENT, being of uniform colour and quality in consideration never before obtained in Portland Cements. It possesses extraordinary cementitious qualities, resists the action of frost and heat, and is more durable than any other Cement; does not vegetate, turn green, or stench, combined with which its eminent hydraulic properties stamp it at once as the first Cement of the day for work where all the above qualities are requisite. It is manufactured on the only principle Portland Cement can be, and contrary to the statements put forth by those who have hitherto had the sole supply. Manufactured by R. CREAVES, Esq., at his Works, near the River Avon, and sent to all parts of the kingdom per boat or rail, at a reduced price to the trade.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Son of the Patentee.—Messrs. ROBINS, ASPDIN, and Co. request reference to No. 288, page 481; and also Nos. 294 and 295, pages 541 and 561, of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years in the Thames Tunnel to resist the action of water; it is stronger in the cementitious qualities, harder, and more durable than any other description of Cement; it does not vegetate, crystalize, or turn green; nor is it affected by any atmospheric influence whatever the climate, resisting alike the action of frost and heat. It is manufactured to set in from five to sixty minutes. For all purposes that Cement is applicable the Proprietors challenge competition.—Orders received by Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, Northfleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also at their Depôt, 40, Hanover-street, Liverpool.

PERMANENT STUCCO WASH, WITHOUT SIZE OR OTHER CORRUPTIBLE INGREDIENT.
As used at St. George's Hospital, Hyde Park Corner.
JOHNS and CO. having effected some important improvements in the manufacture of this very useful material, confidently offer it to the notice of the Trade and the Public generally, as possessing every advantage over the common Lime Wash or Water Colour for STUCCO or BRICK WORK. It is a Stone Colour, but may be tinted to any other.—DOES NOT WASH OFF.—Is perfectly dry in twenty-four hours, and, being a non-absorbent, is admirably adapted for Railway Stations, Union Workhouses, Barracks, Schools, Prisons, &c. One coat will cover 250 square yards. It will keep good for years, and MAY BE EXPORTED WITH PERFECT SAFETY.
JOHNS and CO.'S STUCCO CEMENT.—This cement, from the great reduction in price, and its suitableness for internal as well as external surfaces, places it above all other materials of its kind; it has no caustic qualities; may be painted or papered in a few days; never blisters, cracks, or vegetates; soon becomes as hard as stone; and may be cleaned with a brush and water.
The merits of the PAINT are well known for its application to stucco work of all kinds, and external work generally. Numerous testimonials, prospectuses, and every information may be obtained, on application to the Sole Agent, PHILIP HARE, at the Warehouse, 32, Sand-yard, Upper Thames-street. A liberal allowance to wholesale dealers.

POZZOLANA, or ROMAN CEMENT.—A small cargo, 120 tons, of this genuine Roman Cement, from the Cave of S. Paolo, expected to arrive in a fortnight. The attention of builders is requested, as, owing to the high freights, the price of future arrivals must be greatly enhanced.—Apply to MARK PINKERTON, 113, Fenchurch-street.

ROMAN and other CEMENTS.—Manufactured by J. M. BLASHFIELD, successor to the patentees, PARKER and WYATT, who, in 1780, first introduced PARKER'S ROMAN CEMENT, which has been for upwards of 60 years been extensively used in most of the public and private buildings and other works in this country and throughout the world. Among the more recent works in this country where it has been largely employed since the present proprietor became the manufacturer, may be named the Lyceum and St. James's Theatres, the Garrison, Reform, and Army and Navy Club Houses, the London Docks, the Thames Tunnel, the Winter Palace, St. Petersburgh, the British Museum, the York Minster, the Royal Exchange, the Nelson Column, and the New Houses of Parliament. When properly applied, it is the most perfect and economical Cement for hydraulic works known; and, when used as a stucco, it will resist the action of heat and frost, and preserve walls from damp. As a mortar for brickwork, it surpasses any other material, and is NEARLY AS CHEAP FOR SUCH WORK AS MORTAR MADE OF ORDINARY LIME. Terms, an Hydraulic Lime, for setting masonry where slow indurations is important, so as to allow for the settlement of work. A Cement of extraordinary tenacity and hydraulic properties, and with which the most ancient works in Lancashire have been executed. Hamelin's Patent Mastic, or Oil Cement, which may be painted immediately after use. Also Martin's Cement, Keene's Cement, Portland Cement. Genuine Plaster of Paris, prepared from the purest gypsum, and of any degree of fineness required. Chimney-pots, Tramie, Pan Tiles, &c.—Manufactory, Mill-wall, Poplar. Depôts, Commercial-road, Lambeth, and Paddington-basin.

ROMAN CEMENT and PLASTER of PARIS WORKS
THOS. FREER and CO.,
Manufacturers of ROMAN CEMENT, PLASTER of PARIS, and GROUND BLUE LIAS LIME.
TUSCANY WHARF, Regent's Canal, Kingsland-road, LONDON.
DEPOTS—QUEEN'S WHARF, Great Cambridge-street, Hackney-road.
" KING'S WHARF, New Wharf-road, Battle-bridge.
" No. 8 WHARF, PADDINGTON.
N.B. LATHS, TILES, PAVING BRICKS, PLASTERERS' HAIR, ARTIFICIAL STONE, POTTERY WARE, &c. &c.

THOS. LAMBERT and SON,

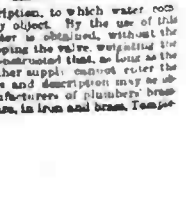
PATENTEES of the Flexible Diaphragm and High-pressure Valve Cocks.

Equilibrium Ball Valves and Self-acting Water-closets; manufacturers of Hydraulic, Gas, and Steam Fittings, Tin, Lead and Composition Pipes.
SHORT-STREET, NEW CUT, LAMBETH, LONDON.

IMPORTANT SANITARY IMPROVEMENT.—The cheapest and most effectual preventive of Stench and Noxious Vapours arising from Sewers, Drains, Cesspools, &c., is
BUNNETT'S PATENT SELF-ACTING AND SELF-CLEANSING EFFLUVIA TRAPS.
Thousands have now been used in all parts of the kingdom with uniform success. See testimonials, &c., which may be had at the Office, 26, Lombard-street.
Perfect action and durability are guaranteed.
BUNNETT AND CO., ENGINEERS AND PATENTEES OF REVOLVING IRON AND WOOD SHUTTERS, METAL SASHES, DOUBLY TRAPPED SELF-ACTING WATER CLOSETS, &c. &c.
Office, 26, Lombard-street; Works, Deptford, Kent.

SMITH'S REGISTERED AUTOMATON CLOSET-PAN and TRAP ..... 7s. 6d.
WITH OUTLET JUNCTION and AIR-TIGHT CAP for communication with the trap and drain-pipe, extra ..... 2s. 6d.
The above are adapted for general purposes, but were expressly designed for connection with SMITH'S REGISTERED AUTOMATON, or SELF-ACTING FLUSHER, forming together the cheapest and most efficient water-closet ever introduced; detailed particulars and prices of which may be had of THOS. SMITH, Stone Ware Drain Pipe Manufacturer, 73, Prince's-street, Lambeth.

STOCK and SON'S SOIL-PAN SERVICE-BOX.
The object of this convenience is to facilitate the introduction of sanitary improvements into the dwellings of the working classes, by the adoption of such an arrangement of cheap soil-pan apparatus as will enable the "constant supply system" of water service to be made available for the removal of the refuse, by preventing the enormous waste of water in places of this description, to which water companies now so strongly and so properly object. By the use of this Service-box an ample supply of water is obtained, without the possibility of its being wasted by propping the valve, weighting the handle, or by other means. It is so constructed that, as long as the discharge valve remains open, a further supply cannot enter the service box from the main.—Drawings and description may be obtained from STOCK and SON, manufacturers of plumbers' brass work, gas-fittings, and church furniture, in iron and brass, Temple-street, Birmingham.



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